

Title (en)

Single phase induction motor further comprising a permanent magnetic unit

Title (de)

Einphasiger Asynchronmotor mit einer dauermagnetischen Einheit

Title (fr)

Moteur asynchrone monophasé comprenant une unité aux aimants permanents

Publication

EP 1455435 A2 20040908 (EN)

Application

EP 03029500 A 20031220

Priority

- KR 20030013490 A 20030304
- KR 20030015520 A 20030312
- KR 20030016177 A 20030314

Abstract (en)

A single phase induction motor comprises: a stator installed at an inner circumferential surface of a motor housing, comprising a stator core on which a plurality of coils are wound; a rotor rotatably installed at a center of the stator and provided with a shaft at a center thereof; and a permanent magnetic unit in the air gap between stator and rotor and able to rotate around the shaft. <IMAGE>

IPC 1-7

H02K 17/04

IPC 8 full level

H02K 17/30 (2006.01); **H02K 16/02** (2006.01); **H02K 17/04** (2006.01); **H02K 17/16** (2006.01); **H02K 21/14** (2006.01)

CPC (source: EP US)

H02K 16/02 (2013.01 - EP US); **H02K 17/04** (2013.01 - EP US); **H02K 21/14** (2013.01 - EP US)

Citation (applicant)

DE 19548117 A1 19960801 - SCHMIDT GUENTHER [DE]

Cited by

EP1703622A1; DE202013105365U1; EP1650851A1; EP1657811A3; US7459814B2; US7271565B2; US7294949B2

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